













ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	SWITCHABLE VOLUME HOLOGRAM MATERIALS AND DEVICES						
Application Number:	10/691600						
Confirmation Number:	7295						
First Named Applicant:	Richard Sutherland						
Attorney Docket Number:	SAIC0003-C4-C2						
Art Unit:	1712						
Search string:	(5272550 or 5270843 or 5264950 or 5258008 or 5240636 or 5235445 or 5234447 or 5227906 or 5227859 or 5210630 or 5198912 or 5188638 or 5182180 or 5182665 or 5174276 or 5170925 or 5166813 or 5144690 or 5136666 or 5105298 or 5096282 or 5084203 or 5047040 or 5015249 or 5014709 or 5011624 or 5003386 or 4994204 or 4983176 or 4942102 or 4938568 or 4930674 or 4929240 or 4923269 or 4891152 or 4857425 or 4856876 or 4832424 or 4818070 or 4810063 or 4809713 or 4728547 or 4688900 or 4673241 or 4560249 or 4416540 or 4374371 or 4368736 or 4210132 or 4124947).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
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	1	5272550	1993-12-21	Dickson, et al.		359	3
	2	5270843	1993-12-14	Wang		359	52
	3	5264950	1993-11-23	West, et al.		359	51
	4	5258008	1993-11-02	Wilk		606	219
	5	5240636	1993-08-31	Doane, et al.		252	299.01
	6	5235445	1993-08-10	Hirai, et al.		359	52
	7	5234447	1993-08-10	Kaster, et al.		606	153
	8	5227906	1993-07-13	Tokumitsu		359	117
	9	5227859	1993-07-13	Leib, et al.		556	347



10	5210630	1993-05-11	Heynderickx, et al.
11	5198912	1993-03-30	Ingwall, et al.
12	5188638	1993-02-23	Tzakis
13	5182180	1993-01-26	Gambogi, Jr., et al.
14	5182665	1993-01-26	O'Callaghan, et al.
15	5174276	1992-12-29	Crockard
16	5170925	1992-12-15	Madden, et al.
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18	5144690	1992-09-01	Domash
19	5136666	1992-08-04	Anderson, et al.
20	5105298	1992-04-14	Schellenberg
21	5096282	1992-03-17	Margerum, et al.
22	5084203	1992-01-28	Sansone, et al.
23	5047040	1991-09-10	Simpson, et al.
24	5015249	1991-05-14	Nakao, et al.
25	5014709	1991-05-14	Bjelkhagen, et al.
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27	5003386	1991-03-26	Doyle, et al.
28	4994204	1991-02-19	Doane, et al.
29	4983176	1991-01-08	Cushman, et al.
30	4942102	1990-07-17	Keys, et al.
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32	4930674	1990-06-05	Barak
33	4929240	1990-05-29	Kirsch, et al.
34	4923269	1990-05-08	Healey
35	4891152	1990-01-02	Miller, et al.
36	4857425	1989-08-15	Phillips
37	4856876	1989-08-15	Ferguson
38	4832424	1989-05-23	McGrew
39	4818070	1989-04-04	Gunjima, et al.
40	4810063	1989-03-07	Ferguson
41	4809713	1989-03-07	Grayzel
42	4728547	1988-03-01	Vaz, et al.
43	4688900	1987-08-25	Doane, et al.
44	4673241	1987-06-16	Nishiwaki, et al.
45	4560249	1985-12-24	Nishiwaki, et al.

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<i>h</i>	48	4368736	1983-01-18	Kaster	128	334 C
<i>h</i>	49	4210132	1980-07-01	Perlin	128	1 R
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Signature

Examiner Name	Date
<i>h</i>	<i>8/9/05</i>



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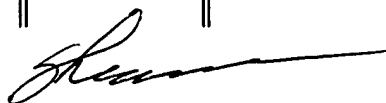
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Title of Invention	SWITCHABLE VOLUME HOLOGRAM MATERIALS AND DEVICES																																																																																						
<div>Application Number: 10/691600</div> <div>Confirmation Number: 7295</div> <div>First Named Applicant: Richard Sutherland</div> <div>Attorney Docket Number: SAIC0003-C4-C2</div> <div>Art Unit: 1712</div> <div>Search string: (6211976 or 6172778 or 6115152 or 5942157 or 5937115 or 5930011 or 5915051 or 5875012 or 5862214 or 5852504 or 5832148 or 5771320 or 5751452 or 5748272 or 5734485 or 5731853 or 5725970 or 5706375 or 5698343 or 5698134 or 5695682 or 5682214 or 5680233 or 5661577 or 5661533 or 5648857 or 5641426 or 5593615 or 5547786 or 5544268 or 5529861 or 5499118 or 5488681 or 5471326 or 5453338 or 5384067 or 5376095 or 5366462 or 5363228 or 5356557 or 5354498 or 5332618 or 5330486 or 5330264 or 5328800 or 5323251 or 5313317 or 5303322 or 5299289 or 5291317).pn.</div> <div>US Patent Documents</div> <div>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</div> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>6211976</td><td>2001-04-03</td><td>Popovich, et al.</td><td></td><td>359</td><td>15</td></tr><tr><td><input checked="" type="checkbox"/></td><td>2</td><td>6172778</td><td>2001-01-09</td><td>Reinhorn, et al.</td><td></td><td>359</td><td>15</td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>6115152</td><td>2000-09-05</td><td>Popovich, et al.</td><td></td><td>359</td><td>15</td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>5942157</td><td>1999-08-24</td><td>Sutherland, et al.</td><td></td><td>252</td><td>582</td></tr><tr><td><input checked="" type="checkbox"/></td><td>5</td><td>5937115</td><td>1999-08-10</td><td>Domash</td><td></td><td>385</td><td>16</td></tr><tr><td><input checked="" type="checkbox"/></td><td>6</td><td>5930011</td><td>1999-07-27</td><td>Gambogi, Jr., et al.</td><td></td><td>359</td><td>15</td></tr><tr><td><input checked="" type="checkbox"/></td><td>7</td><td>5915051</td><td>1999-06-22</td><td>Damask, et al.</td><td></td><td>385</td><td>16</td></tr><tr><td><input checked="" type="checkbox"/></td><td>8</td><td>5875012</td><td>1999-02-23</td><td>Crawford, et al.</td><td></td><td>349</td><td>74</td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>5862214</td><td>1999-01-19</td><td>Aggus, et al.</td><td></td><td>379</td><td>435</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	6211976	2001-04-03	Popovich, et al.		359	15	<input checked="" type="checkbox"/>	2	6172778	2001-01-09	Reinhorn, et al.		359	15	<input checked="" type="checkbox"/>	3	6115152	2000-09-05	Popovich, et al.		359	15	<input checked="" type="checkbox"/>	4	5942157	1999-08-24	Sutherland, et al.		252	582	<input checked="" type="checkbox"/>	5	5937115	1999-08-10	Domash		385	16	<input checked="" type="checkbox"/>	6	5930011	1999-07-27	Gambogi, Jr., et al.		359	15	<input checked="" type="checkbox"/>	7	5915051	1999-06-22	Damask, et al.		385	16	<input checked="" type="checkbox"/>	8	5875012	1999-02-23	Crawford, et al.		349	74	<input checked="" type="checkbox"/>	9	5862214	1999-01-19	Aggus, et al.		379	435
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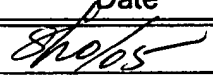
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11	5832148	1998-11-03	Yariv
12	5771320	1998-06-23	Stone
13	5751452	1998-05-12	Tanaka, et al.
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33	5488681	1996-01-30	Deacon, et al.
34	5471326	1995-11-28	Hall, et al.
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37	5376095	1994-12-27	Ortiz
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44	5330264	1994-07-19	Ando, et al.
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	46	5323251	1994-06-21	Coates, et al.	359	51
	47	5313317	1994-05-17	Saburi, et al.	359	13
	48	5303322	1994-04-12	Winston, et al.	385	146
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Signature













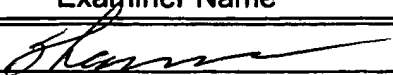
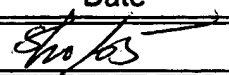
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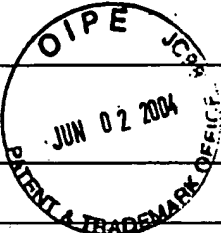












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














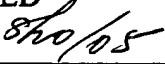
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Search string: (4045124 or 4022947 or 4018228 or 4006963 or 4003629 or 3758186 or 3667946 or 3658526 or 3580655 or 3565509 or 3432225).pn.							
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Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
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	1	4045124	1977-08-30	Pollack, et al.		350	160 LC
	2	4022947	1977-05-10	Grubb, et al.		428	432
	3	4018228	1977-04-19	Goosen		128	305
	4	4006963	1977-02-08	Baues, et al.		350	96 C
	5	4003629	1977-01-18	Baues, et al.		350	96 C
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	8	3658526	1972-04-25	Haugh		96	27
	9	3580655	1971-05-25	Leith, et al.		350	3.5
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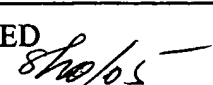

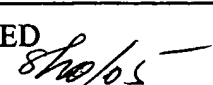

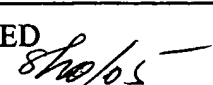
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Richard L. SUTHERLAND, et al.			
				Filing Date October 24, 2003		Group 1712	
				U.S. PATENT DOCUMENTS			
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
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* References cited in parent (U.S. Serial No. 09/429,645), and not provided herewith.


















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<i>h</i>	*	EP 0 672 386 A1	9/20/95	Surgical Systems & Instruments, Inc.	A61B	17/22	3/10/94
<i>h</i>		WO 95/17127	6/29/95	Rygaard, Jorgen	A61B	17/11	4/12/94
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<i>h</i>	*	WO 94/04958	3/3/94	Merck Patent GmbH	G02F	1/1333	8/12/93
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<i>h</i>	*	JP 64-68784 A	3/14/89	Fujitsu Ltd.	G03H	1/20	9/10/87
<i>h</i>	*	JP 60189729 A	9/27/85	Ricoh Co. Ltd.	G02F	1/133	3/9/84
<i>h</i>	*	EP 0 087 281 A1	8/31/83	Fujitsu Ltd.	G03H	1/20	2/18/83
EXAMINER <i>Shane</i> DATE CONSIDERED <i>8/10/95</i>							
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.							

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	*	CA 544591	8/6/57	National Research Development Corp.			
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









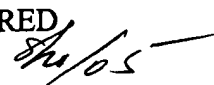
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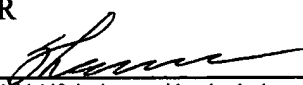
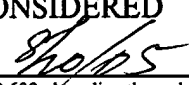
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